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Fundamental Melting Processes in Hot Blast Cupolas, by B. S. Mil'man, N. K. Blozko. GERMAN, per, Giesserei, Vol 11, No 8, 1965, pp 143-147.
*BISI 4774

EE-Germany
Sci/M&M
Apr 66

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

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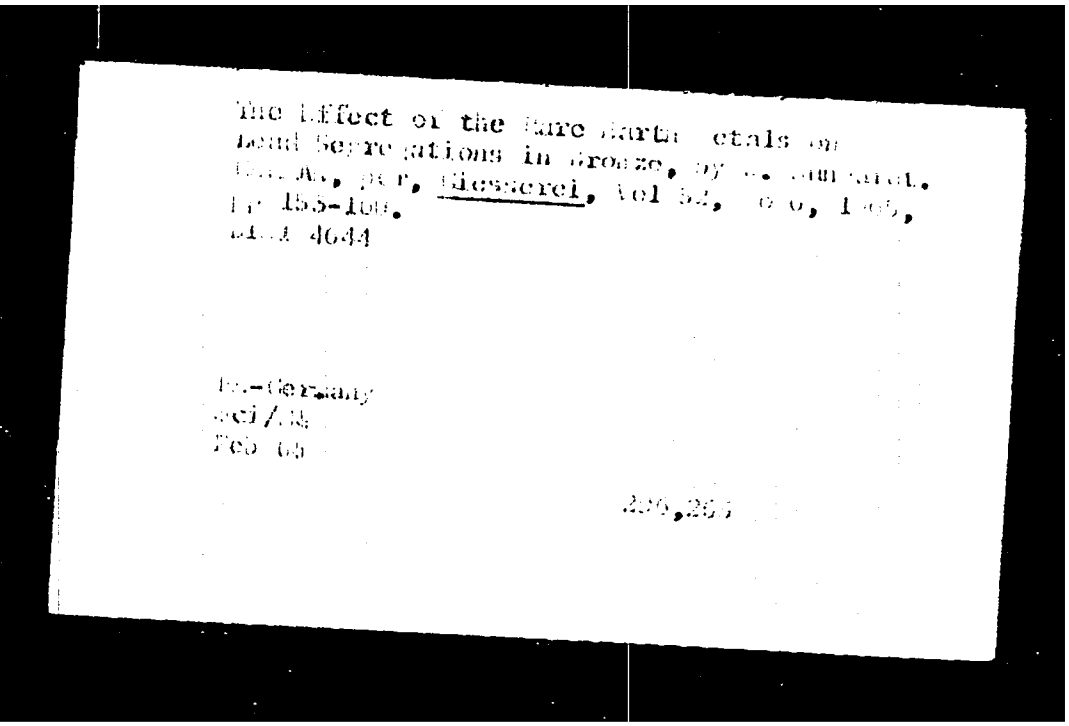

The Effect of the Rare Earth Metals on Lead Segregations in Bronze, by [illegible], Dr. A., Dr., Giesserei, Vol 52, [illegible], pp 155-160.
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[illegible]-Germany
Sci/Tech
Feb 65

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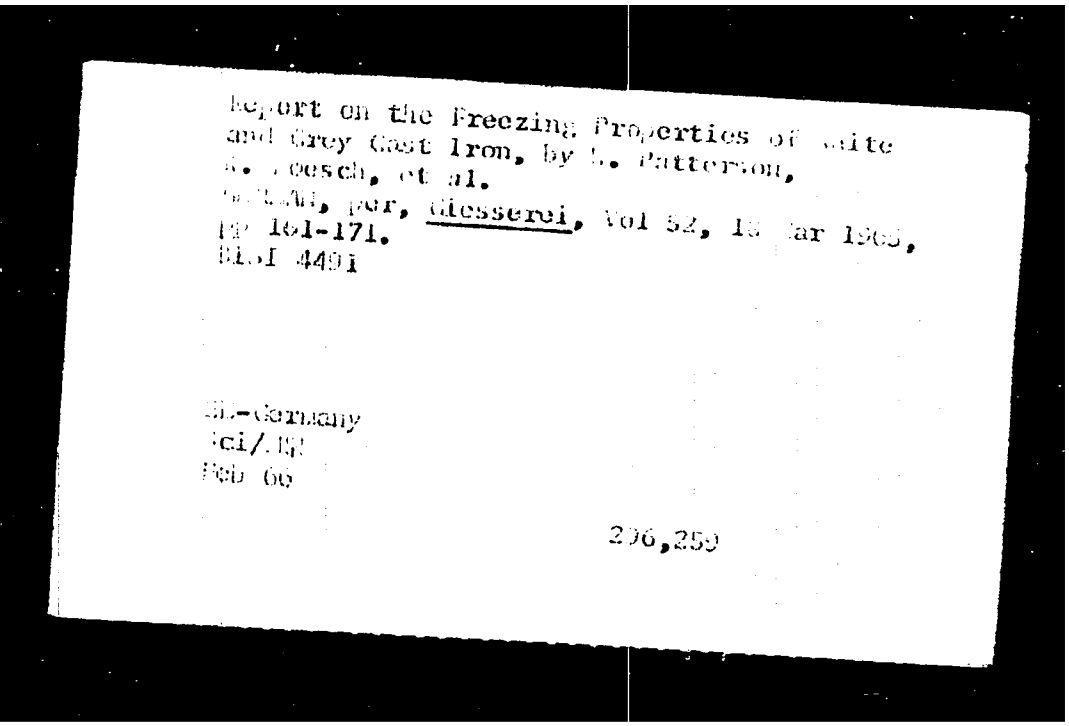

Report on the Freezing Properties of White and Grey Cast Iron, by L. Patterson, K. Loesch, et al.
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BISI 449i

Ger-Germany
Sci/Tech
Feb 66

296,259

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

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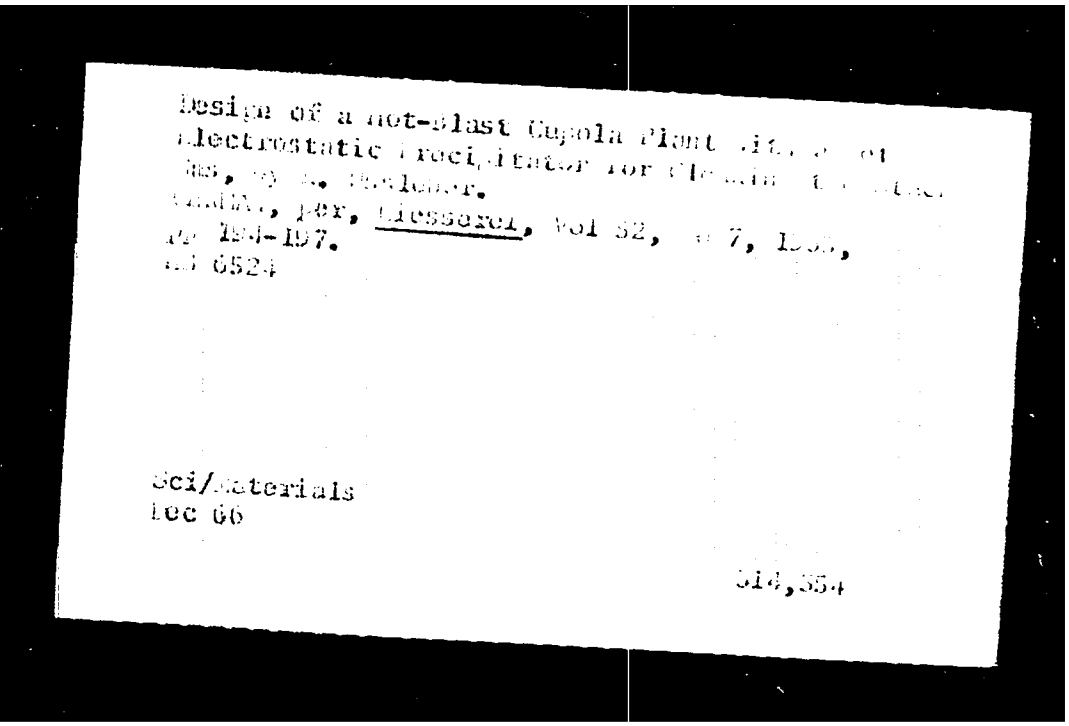

Design of a Hot-Blast Cupola Plant [illegible] of
Electrostatic Precipitator for Cleaning [illegible]
Gas, by A. Beyler.
[illegible], Per, Giesserei, Vol 52, [illegible] 7, [illegible],
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Sci/Materials
Dec 66

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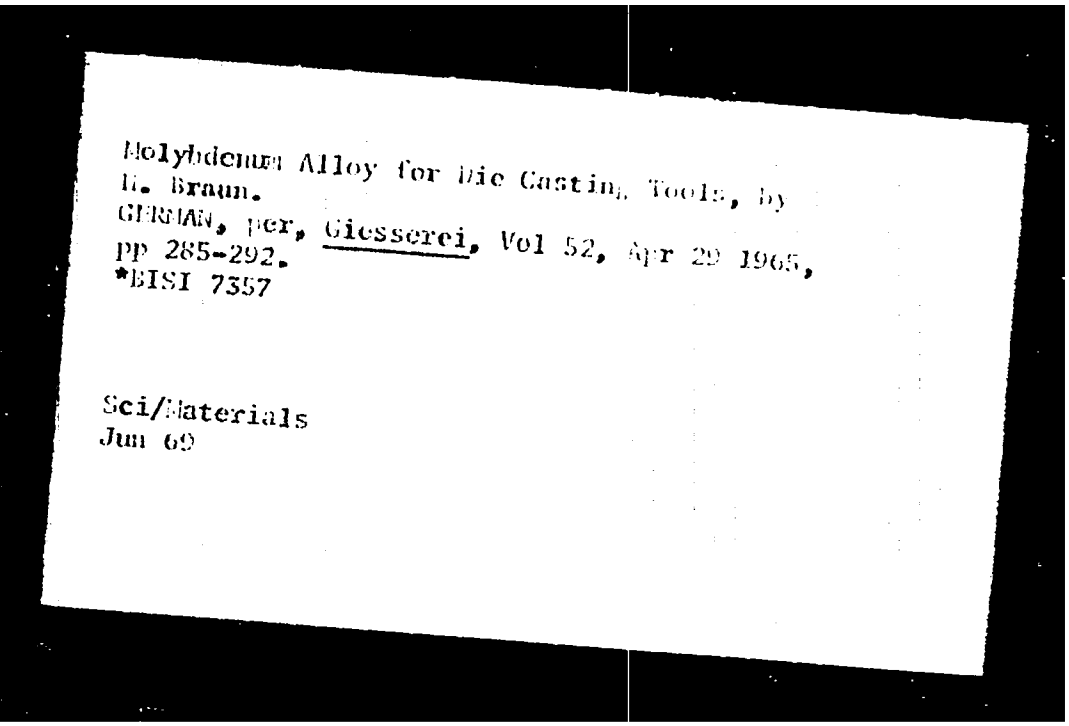

Molybdenum Alloy for Die Casting Tools, by
H. Braun.
GERMAN, per, Giesserei, Vol 52, Apr 29 1965,
pp 285-292.
*BISI 7357

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Jun 69

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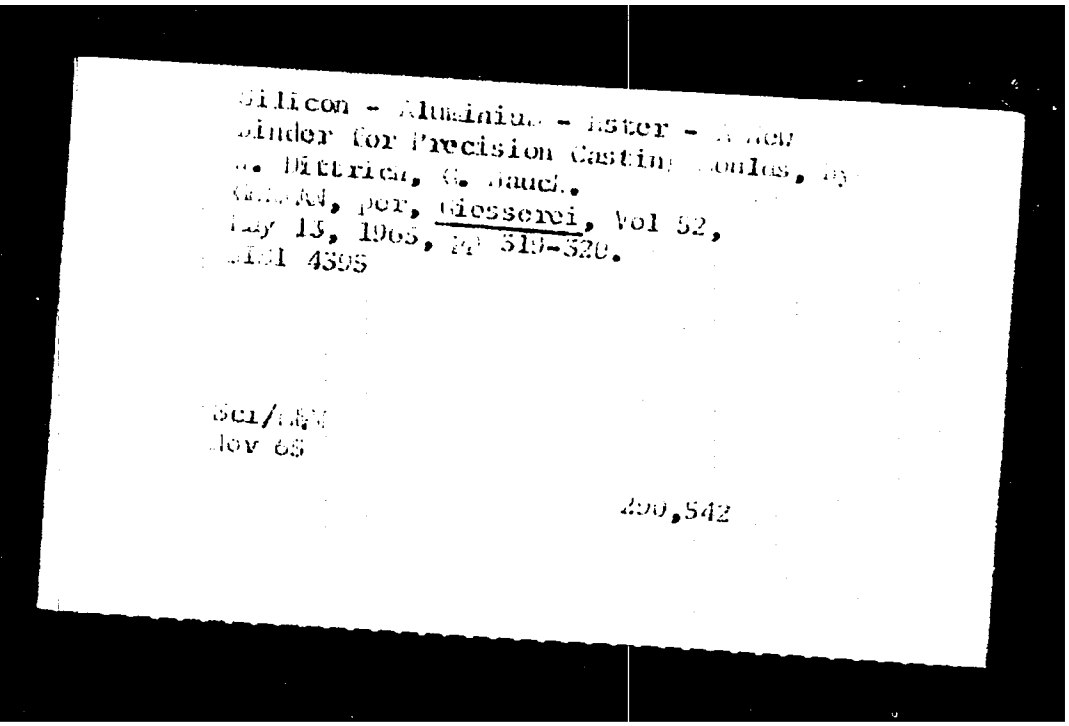

Silicon - Aluminiu.. - Ester - ..ner
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.. Hittrich, G. Hauch.
..Ad, per, Giesserei, Vol 52,
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..l 4895

Sci/..
Nov 65

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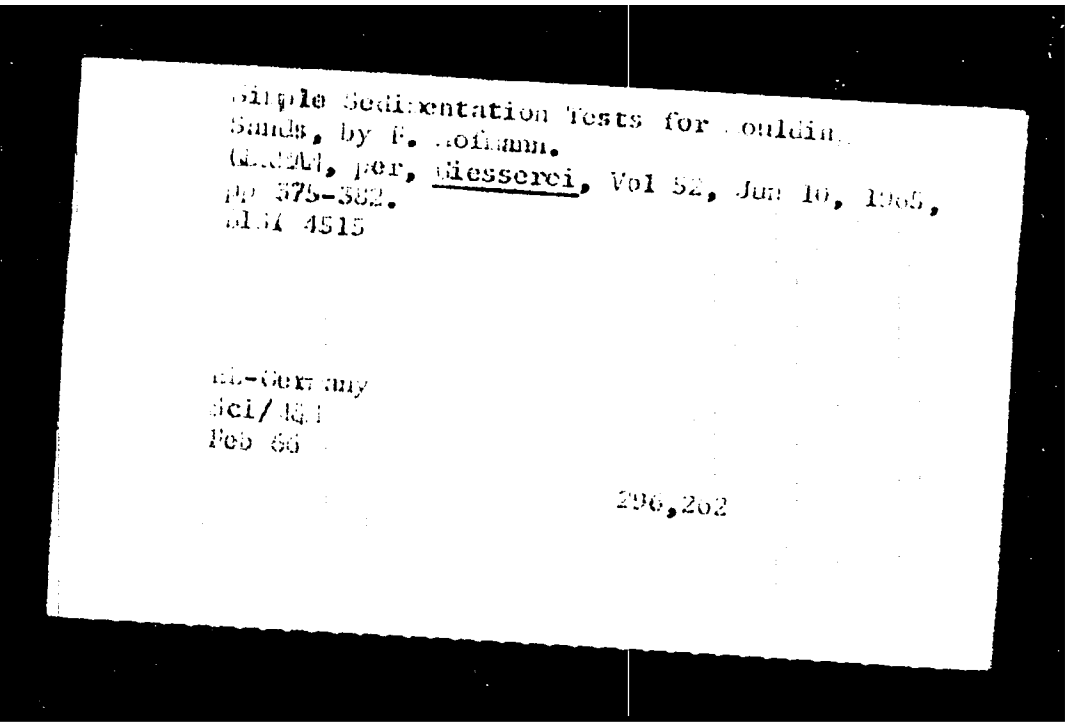

Single Sedimentation Tests for Moulding Sands, by F. Hofmann.
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GI 4515

Ger-Germany
Sci/Tech
Feb 66

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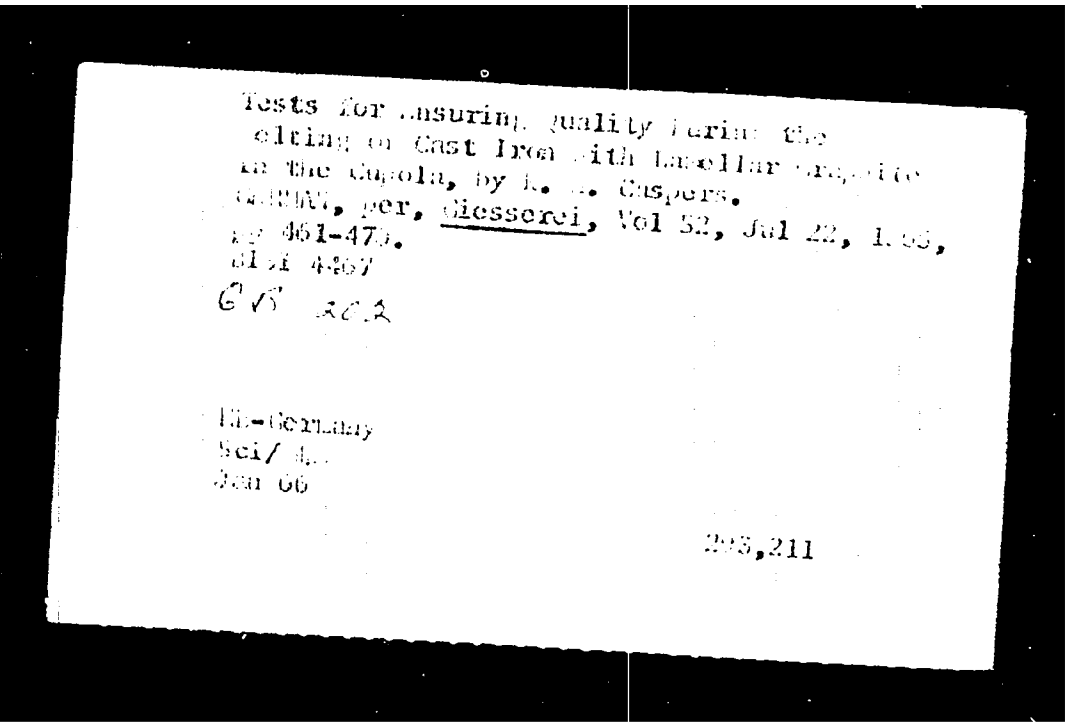

Tests for Ensuring Quality During the
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pp 461-470.
Illus 4467
GV 302

Ill-Germany
Sci/T...
Jan 66

203,211

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

Importance of the Basic Oxygen LD Process for Steel Foundries, Part I,
by R. F. Rinesch, G. Kaspar.
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HB 6643-I

Sci-MGM
May 66

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

Annual Review of Moulding Materials
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GERMAN, per, Giesserei, Vol 52, July 22, 1965,
pp 479-483.
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Sci-M&M
June 66

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

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Importance of the Basic Oxygen LD Process for Steel Foundries. Part II, by R. F. Rinesch, G. Kaspar. GERMAN, per, Giesserei, Vol 52, No 16, 1965, pp 485-493. HB 6643-II

Sci-M&M
Jul 66

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

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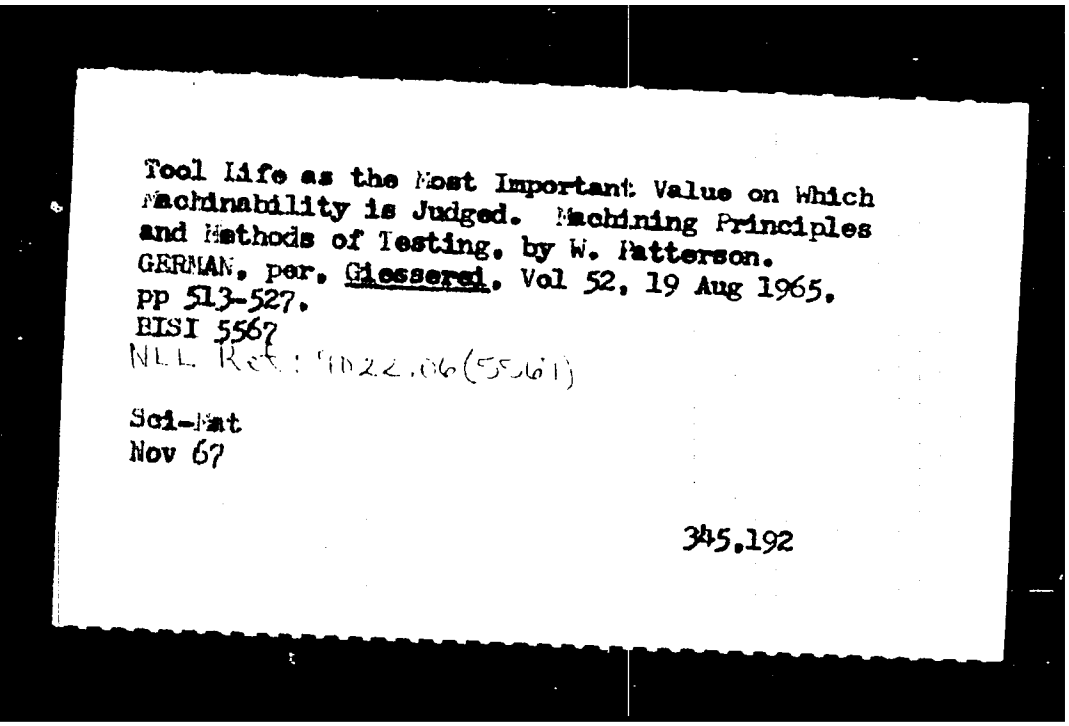

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BISI 5567
NLL Ref: 1022.06(5561)

Sci-Mat
Nov 67

345.192

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

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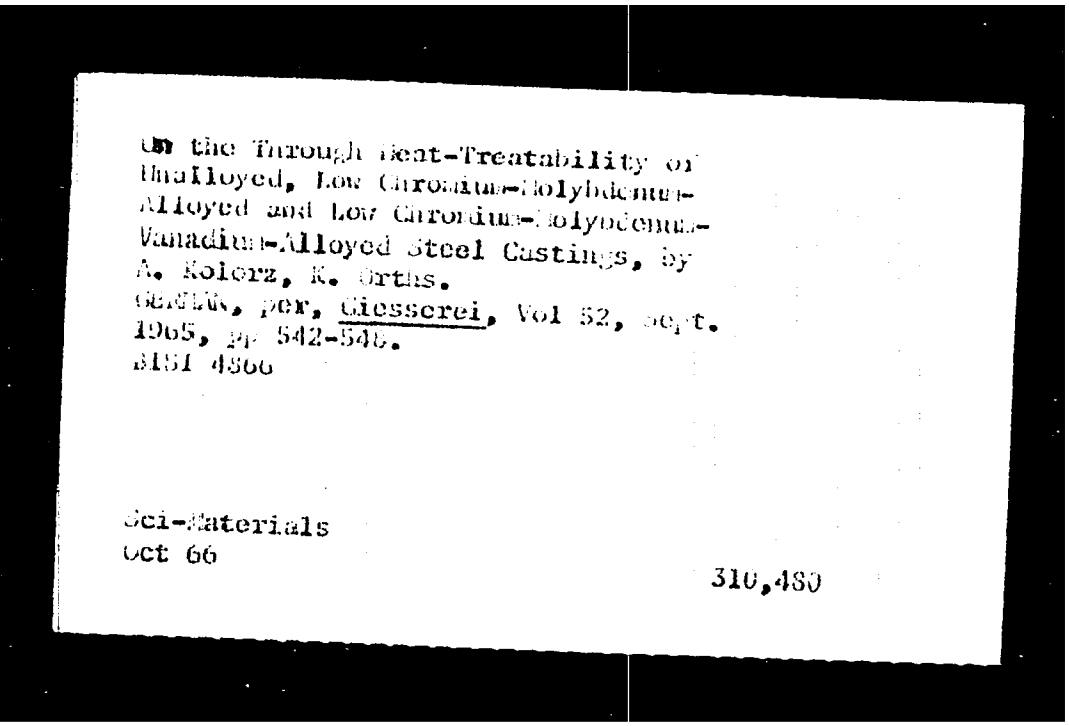

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Original, per, Giesserei, Vol 52, Sept. 1965, pp 542-546.
3151 4866

Sci-Materials
Oct 66

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

Pin Holes Due to Hot-Box-Cores in Cast Iron With Flake Graphite, by H. Berndt.
GERMAN, per, Giesserei, Vol 52, 2 Sep 1965, pp 548-555.
BISI 5183

321,824

Sci - Materials
Apr 67

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

Comparative Investigations into the Machinability of Graphite-Containing Cast Iron-Base Materials, by H. Klaus.
GERMAN, per, Giesserei, Vol 19, No 19, 1965, Sep, pp 583-593.
HB 6769

EE-Germany
Sci/M&M
Apr 66

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

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Chemical Action of Environmental Conditions on Molten Steel After Tapping with Regard to Pinhole Formation, by J. Pribyl.
GERMAN, per, Giesserei, Vol 52, Dec. 9, 1965, pp 813-820.
BISI 4725

Sci-M&M
Jul 66

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

Control of the Setting-Rate of Cement-Bonded Sand,
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GERMAN, per, Giesserei, Vol 52, 23 Dec 1965, pp 841-
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BISI 4695

313,297

Sci - Materials
Nov 66

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Steelplant Ingot Molds of Nodular Iron,
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GERMAN, per, Giesserei, Vol 53, No 1,
Jan. 6, 1966, pp 15-18.
HB 6802

Sci-M&M
Jul 66

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The Green Properties of Bentonite-Bonded Molding Sands, by I. Sinnemagel, et al. Giessereitech, Ger, Giesserei, Vol 53, Feb. 17, 1966, pp 93-96. DISI 4940

Sci-Materials
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Suggestions for Controlling Cement-Bonded Ferro-Alloy Briquettes, by F. Roll. GERMAN, per, Giesserei, Mar. 31, 1966, pp 165-168. BISI 1907

Sci-Materials
Oct 66

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Planning of, and Operational Experience in an Extensively Automated Spectrometric Laboratory of a Steel Foundry, by H. Goossens, G. Hopfner.
GERMAN, per, Giesserei, Vol 53, No 6, 1966, pp 161-166.
HB 6852

Sci-MGM
Jul 66

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Production and Utility of Vacuum Steel in the Foundry, by W. Coupette.
GERMAN, per. Giesserei, Vol 53, No 8, 1966, pp 224-229.
HB 7300

Sci/Mat
Feb 68

349,471

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

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Moulding Sands Containing Polystyrene Foam and Moulds and Cores Made of it, by G. Angeloff.
GERMAN, per, Giesserei, Vol 53, 14 Apr 1966, pp 258-262.
BISI 5092

314,78

Sci - Materials
Jan 67

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

Experience in the Cement Industry With Wear-Resistant Steel Castings, by H. Peter.
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pp 436-439.
BISI 5936

Sci - Mechanical, Industrial,
Civil, and Marine Engineering

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

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Formation of Lustrous Carbon and Softening Characteristics of Coal Dust in Bentonite Bonded Moulding Sand During Casting in Green Sand Moulds, by G. Heinze.
GERMAN, per, Giesserei, Vol 53, 7 Jul 19..,
pp 449-453.
DISI 5033

319, 31

Sci - Materials
Feb 67

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

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Fundamental Considerations Regarding Pattern Varnishes, by W. Ankele.
GERMAN, per, Giesserei, Vol 53, 4 Aug 1966, pp 517-520.
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Sci - Materials
Apr 67

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

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Critical Heat-Radiation Exposure- Time as a Scale in Casting Technique for the Avoidance of Sand-Expansion Defects in Bentonite-Bonded Moulding Sands, by F. Krutzner, F. Hill.
GERMAN, per, Giesserei, Vol 53, 18 Aug 1966, pp 547-554.
BISI 5197

321,811

Sci - Nuclear Science and Technology

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

Influence of Composition and Compression of Green Sands on Tensile and Compression Strength of Test Specimens and Sand Moulds. Part I., by D. Boenisch.
GERMAN, per, Giesserei, Vol. 53, 1 Sep 1966, pp 565-574.
*BISI 5394

Sci - Materials

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Influence of Composition and Compression of Green Sands on Tensile and Compression Strength of Test Specimen and Sand Moulds, by D. Boenisch.
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BISI 5515

Sci-Materials
Dec 67

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

Penetration Phenomena with Steel Castings Using Different Moulding-Sand Mixtures, by H. Lopau & H. Hoffmeister.
GERMAN, per, Giesserei, Vol 53, Oct 27, 1966, pp 739-748.
BISI 5610

Sci/Mat
Feb 68

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Annual Review of Spheroidal Graphite Cast Iron - Part 3, by H. Trager.
GERMAN, per, Giesserei, Vol 53, Oct 27, 1966, pp 755-757.
BISI 5686

Sci/Mat
Feb 68

349.505

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Simple Apparatur for Accelorating Metallurgical Reactions, by J. E. Ostberg.
GERMAN, per, Giesserei, Vol 53, No 24, 1966, pp 816-818.
BISI 5650

Sci/Tat
Mar 68

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

Effect of Sand Circulation on Condition and Properties of Moulding Sands in Foundry Practice, by F. Hofmann.
GERMAN. per. Giesserei, Vol 53, 24 Nov 1966, pp 818-827.
BISI 5611

Sci/Mat
Aug 68

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Clay Substances in Synthetic Moulding Sands and Their Significance in Practice, by R. Hahn. GERMAN, per. Geisserei, Vol 53, 22 Dec 1966, pp 869-873.
BISI 5612
NLL Ref: TN22.H6 (5612)

Sci-Mat
Apr 68

352.181

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Practical Experience in Emission Spectroanalysis of Unalloyed and Alloyed Steels Using a Vacuum Spectrometer, by H. Goossens,
GERMAN, per, Giesserei, Vol 54, No 2, 1967, pp 29-33.
*BH 7067

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Mar 67

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

Control of the Chemical Composition of Liquid Hypoeutectic Cast Iron by Thermal Analysis, by H. Mayer.
GERMAN, per, Giesserei, Vol 54, No 3, 1967, pp 58-63.
MB 7232

Sci-Meth and Equip
Dec 67

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Experience in Quality Control of Steel Castings by NDT, Particularly Ultrasound, by R. Boyer. GERMAN, per, Liosseroi, Vol 34, No 5, 1967, pp 123-128.
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May 68

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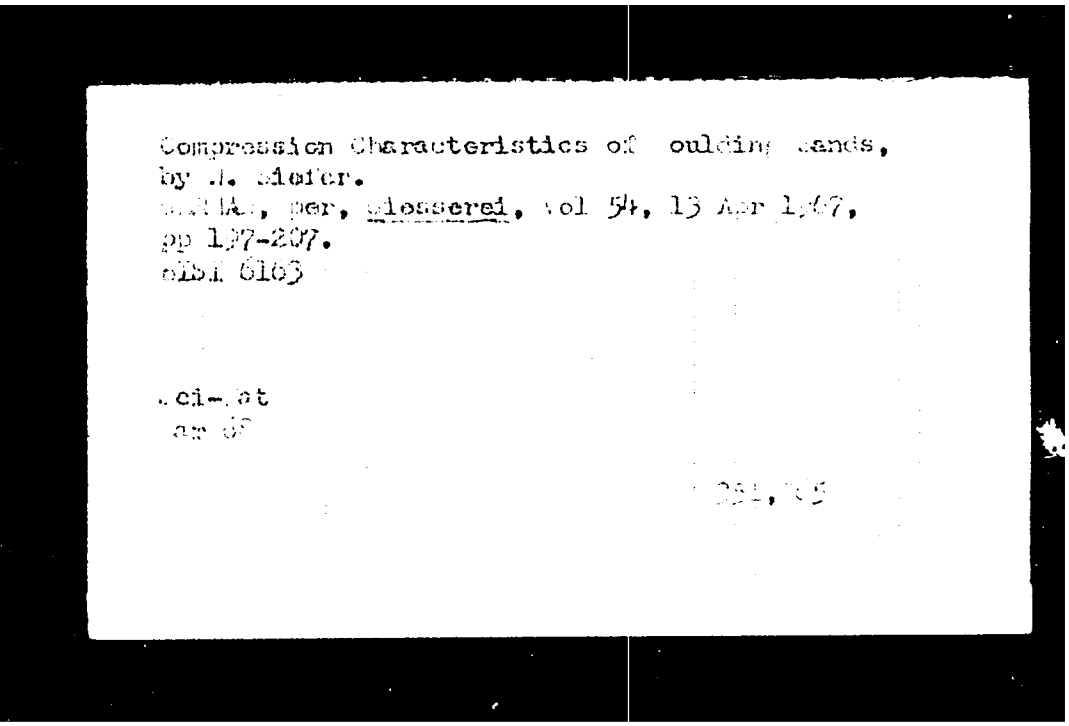

Compression Characteristics of ouldin ands,
by .. ..ier.
..., per, Giesserei, Vol 54, 13 Apr 1,67,
pp 197-207.
GIRL 6103

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

The Production of Cast Iron with Improved Strength and Ductility by the Use of a Suitable Composition and Alloying Elements, by H. Mayer.
GERMAN. per. Giessered. Vol 54, 27 Apr 1967, pp 236-244.
BISI 6078

Scl/Mat
Aug 68

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BINDERNAGEL, I. Annual review of moulding materials.
1. Moulding materials and their properties.
Giesserei 54:351-5 (1967) (CRL/T.3920x)

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WEIS, W. Annual review of moulding materials.
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GERMAN, per, Giesserei, Vol 54, No 20, 28 Sep 1967, pp 513-518.
Dept of Navy Navships Trans No 1085

PRIOR APPROVAL OF THE CHIEF, NAVAL SHIP SYSTEMS COMMAND
Oct 68

368,234!

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

Contribution to the Development of Cast Iron with Special Properties, by H. Mayer
GERMAN, per, Giesserei, Vol 54, Sept 28, 1967, pp 522-526.
BISI 6142

Sci-Materials
Feb 69

369,567

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

Considerations on the Process of Roll Casting,
by W. Siefer,
GERMAN, per. Giesserei, Vol 54, Oct 26, 1967,
pp 588-595.
BISI 8850

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

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Methods for Inoculation of Liquid Cast Irons, by
K. Reifferscheid.
GERMAN, per, Giesserei, Vol 54, No 23, 1967, pp
621-624.
AB 7352

Sci-Mat
Mar 68

349.273

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

Desulfurization of Cast Iron by Treatment of Melt with Calcium Carbide, by D. Gleisberg. GERMAN, per, Giessorei, Vol 55, No 1, 1968, pp 1-7.
HB 7380

Sci-Mat
Apr 68

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

Desulfurization of Cast Iron with Calcium Carbide in a Three-Ton Shaker Ladle, by E. Schurmann & W. Bohmer.
GERMAN, per. Giesserei, Vol 55, No 1, 1968, pp 7-14.
HB 7381

Sci/Mat
June 68

358,227

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

Experience Gained in the Quality Control of Cast Steel by Nondestructive Testing, Particularly by Ultrasonics, by R. Meyer.
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IR 7395

Sci/Mat
June 68

358,250

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Application of Metallurgical Principles in Foundry Practice, by K. Orths
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HB 7400

Sci-Materials
Aug 68

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The Production of Large Castings in Ferritic S. G. Iron, by H. Mayer.
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Copper-Nickel Alloy Castings, by Brian Weldon,
12 pp.
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May 71

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On the Formation of Pinholes in Spheroidal Graphite Cast Iron, by K. H. Tiegal.
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Sci-Mat
Sep 68

365,579

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Measurement of the Consistency of Fluid-Sand Mixtures, by J. Buttner, H. Siepmann. GERMAN, per, Giesserei, Vol 55, No 12, 1968, pp 310-315. BISI 6730

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Has the Jobbing Foundry a Future?,
by H. Pacyna,
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BISI 7731

Sci/Mat
Sep 70

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H. Berndt

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1- Testing methods interactions of the influuences and optimum adjustment of sand quality.
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BISI 9076

may 72

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Sci-Mat
Jul 70

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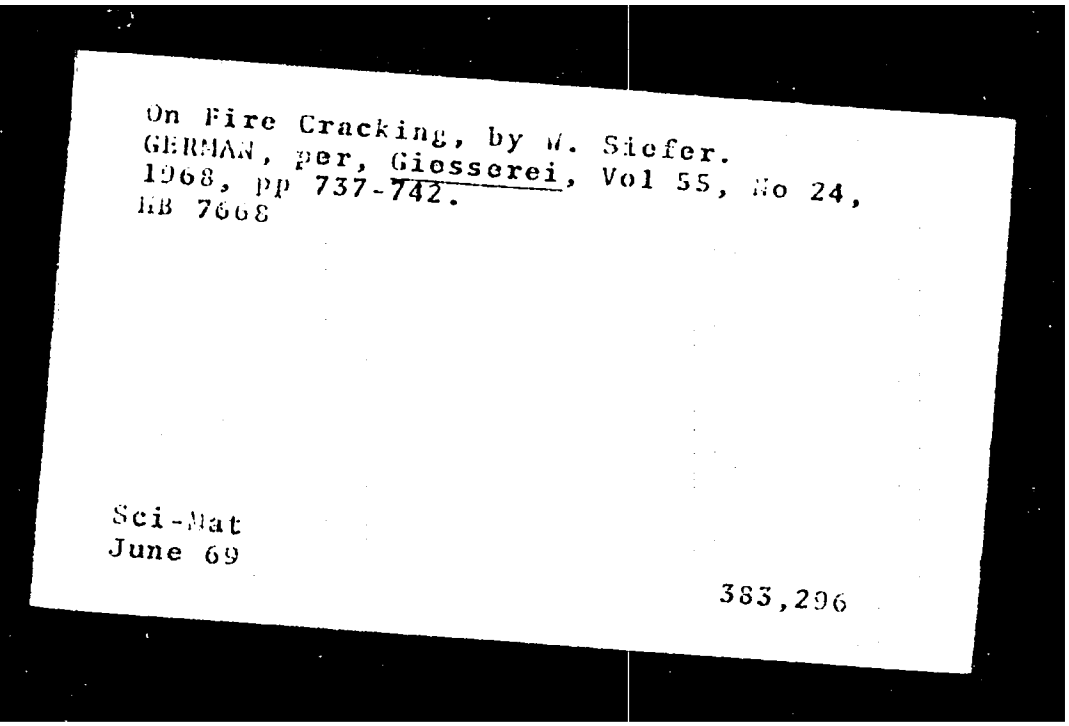

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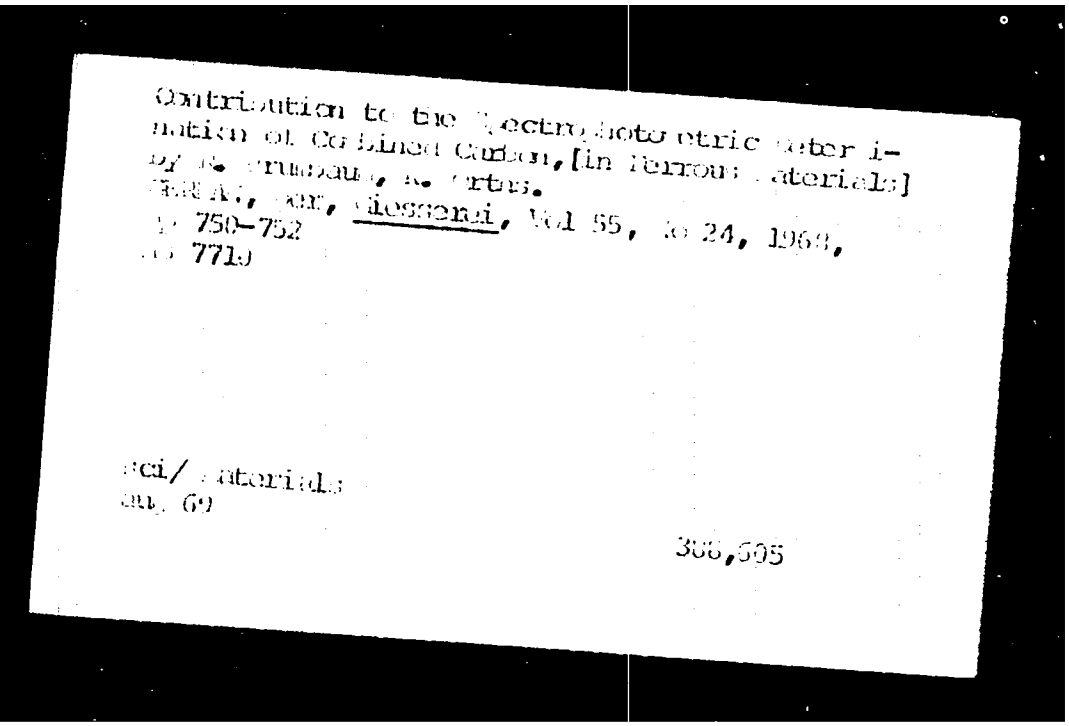

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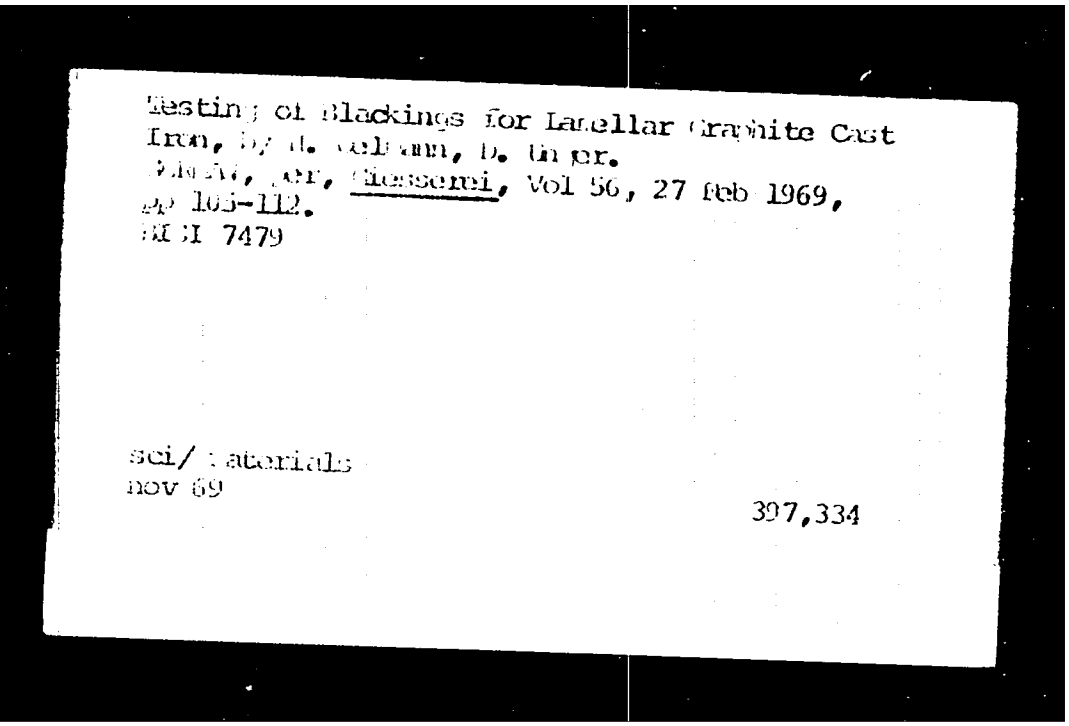

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MCI 7479

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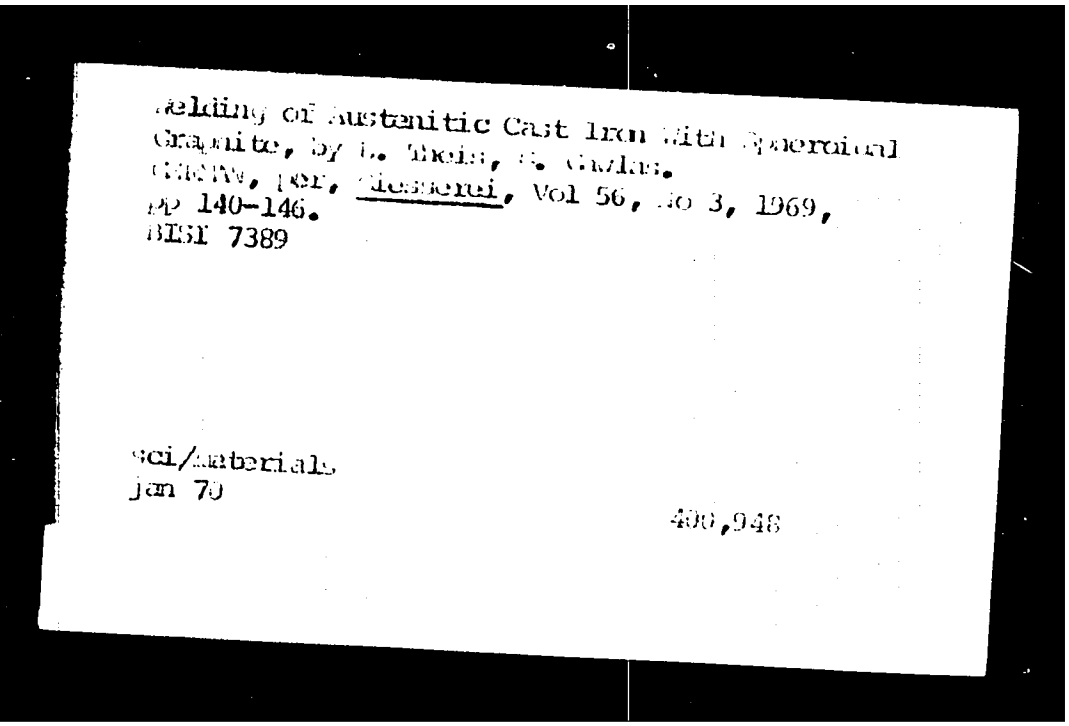

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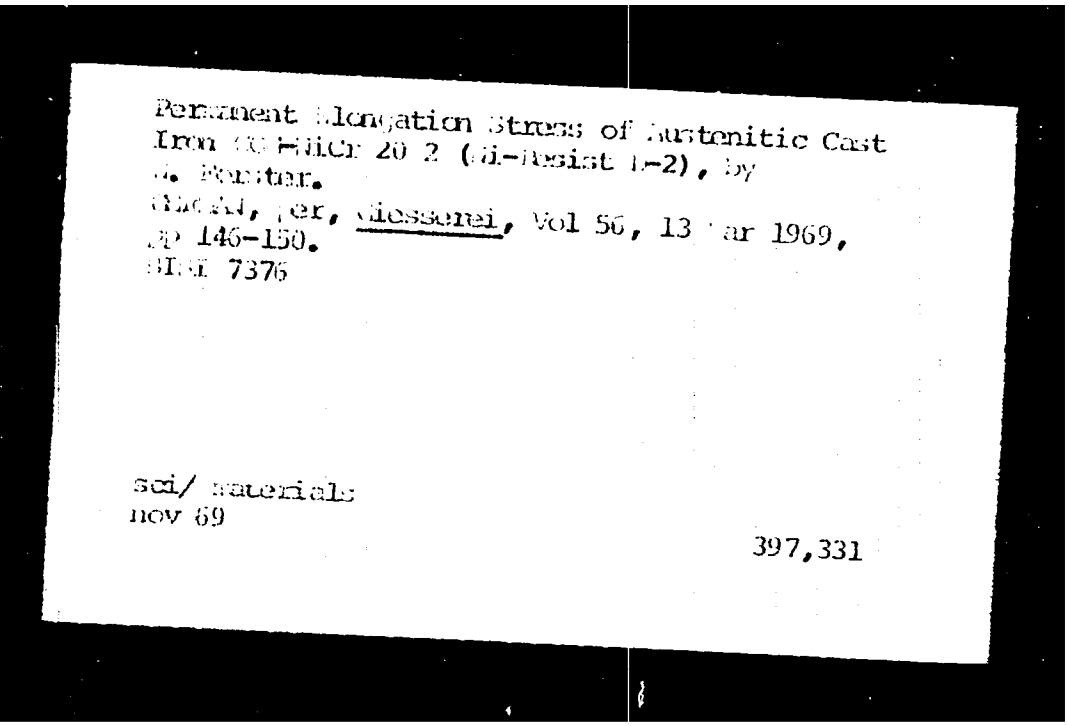

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sci/materials
feb 70

402,662

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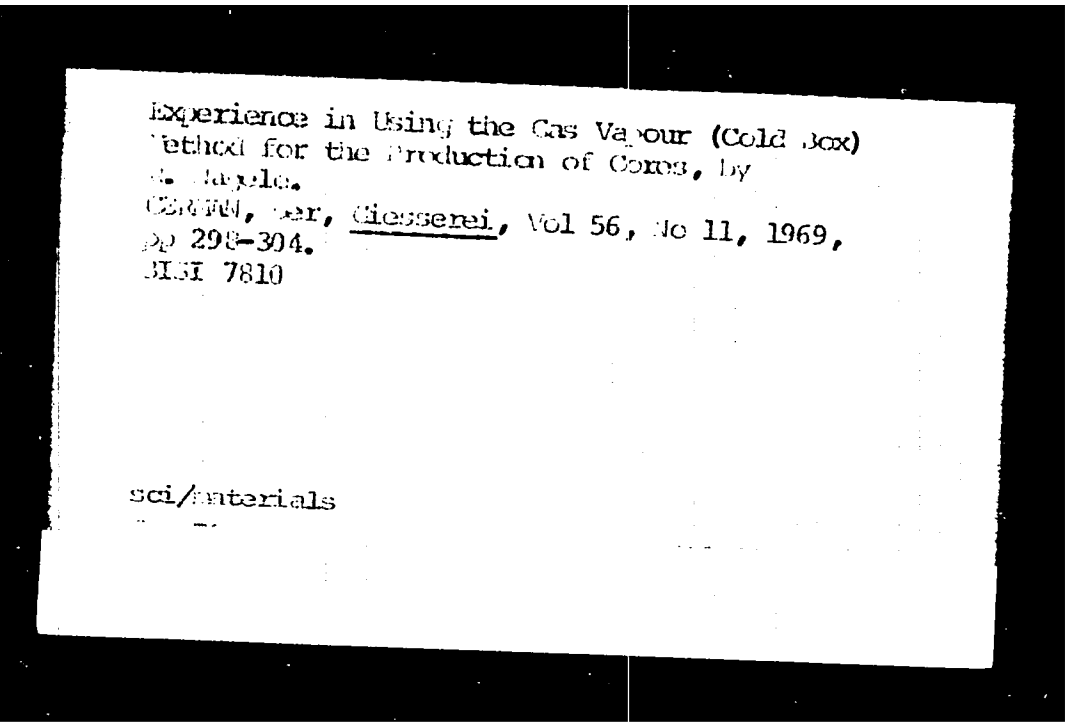

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Method for the Production of Cores, by
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BISI 7810

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Experiences in the Flushing of Heats with Argon in a Steel Foundry Ladle, by H. Bachtold and W. Waldvogel,
GERMAN, per. Die Giesserei, Vol 56, No 11, 1969, pp 313-318.
HB 8102

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May 70

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BISI 8273

Sci-Mat
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June 71

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Pressure Build-Up and Plunger Speed in Cold Chamber Pressure Die Casting Machines with Horizontal Shot End, by J. Grossmann, GERMAN, per. Giesserei, Vol 57, No 1, 1970, pp 12-17.
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Rationalization of Cupola Charging Installations Through the Use of Vibrating Trough Conveyors, by R. Gassmann, GERMAN, per. Die Giesserei, Vol 57, No 3, 1970, pp 57-59.
HB 8172

Sci/Mat
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Producing Optimum Moulding Sands for the High Pressure Compression Process, Using Electronic Data Processing-ii, by H. Berndt, GERMAN, per. Giesserei, Vol 57, Feb. 1970, pp 97-103.
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Recent Developments in the Manufacture of Flats and Sections of Non-Ferrous Metals on Horizontal Continuous-Casting Machines,
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HB 8255

Sci/Mat

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Bosless Production of Cylinder-Heads in Core Moulds,
by K. H. Caspers,
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pp 586-591.
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June 71

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Alloy Flake Graphite Cast Iron, by K. Rohrig.
GERMAN, per, Giesserei, No 57, 1970, pp 609-617.
BISI 9012

Nov 71

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GERMAN, per, Giesserei, Vol 57, 1970, pp 643-646.
NTC 71-13770-13H

Feb 72

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Sep 72

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Importance of Holding Time and Superheat Temperature im Melting Lamellar Graphite Cast Iron an a Mains Frequency Induction Furnace, by C. H. Caspers,
GERMAN, per. Giesserei, Vol 58, Feb. 25, 1971, pp 77-84.
BISI 9308

Jul 71

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

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Development of the Stirling Engine,
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~~RUSSIAN~~, per, Giesserei, Vol 58, 1971,
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July 72

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The Solidification Behaviour of Austenitic S.G. Iron, by W. Nickel. GERMAN, per, Giesserei, Vol 58, 1971, PP 457-465
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July 72

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

K. Rohrig

The Structure and Mineral Wear Resistance of Carbidic Cast Iron
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*BISI 10970

Feb 73

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K. H. Caspers

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GIESSEREI, Vol 59, 1972, pp369-373.
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Caspers, K. H.

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Feb 1973

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201230036-1

G. June

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GIESSEREI, 1972, Vol ~~19~~ 59, pp 576-9
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Feb 73

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